

## Croatia (HR)

Croatia currently has a national policy initiative on digitising industry under preparation (*Digitizing impulse 2020*), however it seems that some bottom-up investments have taken place on regional level to support the development of Digital Innovation Hubs.

On a **national level** Bulgaria has 8 *Digital Innovation Hubs* (3 fully operational and 5 in preparation status<sup>Error! Bookmark not defined.</sup>) covering various market domains (agriculture, health, construction, transport, manufacturing (food products, textiles, chemicals, basic and fabricated metal products, electrical and optical equipment, machinery, electrical equipment), electricity and energy sector, retail, education, fishing, and mining) through a large spectrum of technology areas presented as follows:

- Additive manufacturing (3D printing)
- Advanced or High-performance computing
- Artificial Intelligence and cognitive systems
- Augmented and virtual reality, visualization
- Broadband and other communication networks (e.g. 5G)
- Cloud computing
- Cyber security (including biometrics)
- Data mining, big data, database management
- Gamification
- ICT management, logistics and business systems
- Interaction technologies (e.g. human-machine Interaction, motion recognition and language technologies)
- Internet of Things (e.g. connected devices, sensors and actuators networks)
- Laser based manufacturing
- Location based technologies (e.g. GPS, GIS, in-house localization)
- New Media technologies
- Robotics and autonomous systems
- Screens and display technologies
- Sensors, actuators, MEMS, NEMS, RF
- Simulation and modelling
- Software as a service and service architectures

On a **regional level**, each hub's activities seem to be aligned with the RIS3 strategies. A concise list of all hubs on national and regional level is presented as follows:

### 1. Fully operational DIHs

Hub name	City	NUTS2 region	Country	Smart Specialisation (SS)	Link to SS	AI	HPC	Cyber Security	Association to EU-funded project
Algebra LAB	Zagreb	Kontinentalna Hrvatska	Croatia	Data, IoT, blockchain, Cybersecurity	Security	X	-	X	-
CROBOHUB Croatian Robotics Digital Innovation Hub	Zagreb	Kontinentalna Hrvatska	Croatia	Robotics manufacturing	-	X	-	-	I4MS (L4MS, HORSE)

<b>CybersecRDI: Cybersecurity Research, Development and Innovation Hub</b>	Zagreb	Kontinentalna Hrvatska	Croatia	Cybersecurity	Security	-	-	X	-
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## 2. In preparation DIHs

Hub name	City	NUTS2 region	Country
<b>CroTechHub</b>	Zagreb	Kontinentalna Hrvatska	Croatia
<b>Digital Innovation Hub for 3D printing (3DJPU)</b>	Pula	Jadranska Hrvatska	Croatia
<b>DIH North</b>	Koprivnica	Kontinentalna Hrvatska	Croatia
<b>hub.in Bjelovar</b>	Bjelovar	Kontinentalna Hrvatska	Croatia
<b>HUB385</b>	Zagreb	Kontinentalna Hrvatska	Croatia

## 3. RTOs/universities that had a DIH role in an EU project

A list of RTOs/universities that have participated in the EU FP7 and H2020 projects, and *are not mentioned above*, is presented in the following tables:

### a. H2020 participation<sup>1</sup>

Project Topic Code	Project Acronym	Project Duration	Project End Date	Participant Legal Name	Participant Role	Participant Short Name	Core Legal Entity Type	Research Organisation	Project Topic Code
ICT-04-2017	TETRAMAX	48	31/08/2021	SVEUCILISTE U ZAGREBU FAKULTET ELEKTROTEHNIKE I RACUNARSTVA	PARTICIPANT	UZAGREB	PUBLIC	Yes	ICT-04-2017
FOF-12-2017	L4MS	42	31/03/2021	INOVACIJSKI CENTAR NIKOLA TESLA	PARTICIPANT	ICENT	PRIVATE	Yes	FOF-12-2017
FOF-12-2017	L4MS	42	31/03/2021	MURAPLAST d.o.o.	PARTICIPANT	MP	PRIVATE	No	FOF-12-2017

### b. FP7 participation<sup>2</sup>Error! Bookmark not defined.

Project Number	Project Acronym	Project Duration	Project Start Date	Project End Date	Project Number of Participants	Participant Short Name	Participant Legal Name	Participant Role	Organisation Type
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	UNIZG-FER	SVEUCILISTE U ZAGREBU	Participant	HES

<sup>1</sup> Data available in CORDIS ([http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html)) and in the European Commission databases.

<sup>2</sup> Data available in CORDIS ([http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html)) and in the European Commission databases.

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**4. Regions in Croatia that have no DIHs**

None